

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2003/002037

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20030227871 A1 (HSU ET AL), 11 December 2003 (11.12.2003), abstract, paragraph (0017)-(0054); (0078) --	1-15
X	EP 1211851 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 5 June 2002 (05.06.2002), abstract, paragraph (0012)-(0014);(0043)-(0059); (0067)-/0083) --	1-15
A	WO 03077588 A1 (TELEFONAKTIEBOLAGET LM ERICSSON), 18 Sept 2003 (18.09.2003), page 1, line 12 - page 2, line 13; page 7, line 24 - line 28; page 13, line 28 - page 16, line 13 --	1-3,6-15

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
12 July 2004

Date of mailing of the international search report

19 -07- 2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Peter Hedman / JA A
Telephone No. +46 8 782 25 00

2
INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/002037

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001027490 A1 (FODOR ET AL), 4 October 2001 (04.10.2001), paragraph (0013)-(0044); (0087)-(0093) -- -----	1,6,10

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/04/2004

International application No.
PCT/SE 2003/002037

US	20030227871	A1	11/12/2003	NONE		
EP	1211851	A1	05/06/2002	AU	2072902 A	11/06/2002
				EP	1338126 A	27/08/2003
				US	2002091810 A	11/07/2002
				WO	0245358 A	06/06/2002
WO	03077588	A1	18/09/2003	EP	1410408 A	21/04/2004
				SE	0200468 A	20/12/2002
				SE	0201367 D	00/00/0000
				WO	02103721 A	27/12/2002
US	2001027490	A1	04/10/2001	AU	3067401 A	07/08/2001
				CN	1419773 T	21/05/2003
				EP	1250787 A	23/10/2002
				WO	0156250 A	02/08/2001